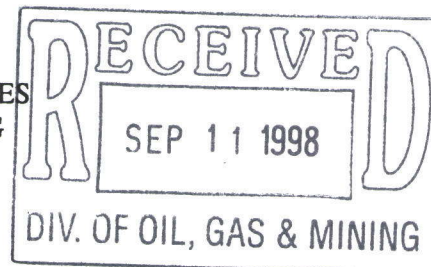


This Section for DOGM Use:

Assigned DOGM File No.: S / 019,045
DOGM Lead: AAG

utu-76417

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
1594 West North Temple Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
(801) 538-5291
Fax: (801) 359-3940



NOTICE OF INTENTION TO COMMENCE SMALL MINING OPERATIONS

The informational requirements of this form are based on provisions of the Mined Land Reclamation Act, Title 40-8, Utah Code Annotated 1987, and the General Rules as promulgated under the Utah Minerals Regulatory Program.

"Small Mining Operations" means mining operations which disturb five or less surface acres at any given time.

I. GENERAL INFORMATION (Rule R647-3-104)

1. Name of Mine: Cougar #1
2. Name of Operator/Applicant: N.E.S. MINING
Company () Corporation () Partnership (☒) Individual ()
3. Permanent Address: P.O. Box 4 120 E. 100 S.
City: Blanding State: Utah Zip Code: 84511
Telephone Number: (435) 259-7537

4. Ownership of Land Surface:

Private (Fee) ☐ Public Domain (BLM) ☒ National Forest (USFS) ☐
State Trust Land/School Sections ☐ State Sovereign Lands ☐
Other (please describe): _____

Name _____	Address _____
Name _____	Address _____
Name _____	Address _____
Name _____	Address _____

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5. Ownership of Minerals:Private (Fee) ☐ Public Domain (BLM) ☒ National Forest (USFS) ☐State Trust Land/School Sections ☐ State Sovereign Lands ☐

Other (please describe): _____

Name _____ Address _____

Name _____ Address _____

Name _____ Address _____

Name _____ Address _____

Utah Mining Claim Number(s): 3 waiting U.M.C. Number
Brand County - E444995, A520, POS

Utah State Lease Number(s): _____

Name of Lessee(s) _____

6. Have the above surface and mineral owners been notified in writing?

Yes _____ No _____

If no, why not? _____

Please be advised that if State Trust Lands are involved, notification to the Division of Oil, Gas and Mining alone does not satisfy the notification requirements of Mineral Leases upon State Trust Lands. Exploration or mining activity on State Trust Lands requires a minimum of 60 days notice to the Trust Lands Administration prior to commencing any activities. Please contact the School Institutional Trust Lands Administration (SITLA) at (801) 538-5508 for notification requirements.

7. Does the operator have legal right to enter and conduct mining operations on the land covered by this notice? Yes ☒ No ☐II. PROJECT LOCATION & MAP (Rule R647-3-105)MOLLIE HOGANS QUAD.
GRAND COUNTY

1. Project Location (legal description):

County(ies): _____

<u>N.E.</u> 1/4, of _____	1/4, of _____	1/4: Section: <u>6</u>	Township: <u>23S</u>	Range: <u>22E</u>
_____ 1/4, of _____	1/4, of _____	1/4: Section: _____	Township: _____	Range: _____
_____ 1/4, of _____	1/4, of _____	1/4: Section: _____	Township: _____	Range: _____

2. A topographic base map showing the location of the proposed small mining operation must be submitted with this notice. A USGS 7.5 minute series map is preferred. The areas to be disturbed should be plotted in sufficient detail so that they can be located on the ground. It is recommended that the operator also plot and label any pre-existing disturbances in the immediate vicinity that he is not responsible for.

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III. OPERATION PLAN (Rule R647-3-106)

1. Type of mining: Surface ☒ Underground ☐
 2. Mineral(s) to be mined: Uranium - Vanadium
 3. Provide a brief description of the proposed mining operation and onsite processing facilities. see attached plan of operation. Reclamation plan, and accompanying map.

- ☐ New Road(s): Length _____ (ft) Width _____ (ft)
- ☐ Improved Road(s): Length _____ (ft) Width _____ (ft)
- Total project surface acreage to be disturbed: Four acres (acres)
- Proposed startup date of project (month, year) Sept. 15, 1998
- Proposed completion date of project, if known (month, year) unknown

IV. OPERATION AND RECLAMATION PRACTICES (Rule R647-3-107, 108 & 109)

The reclamation and operation obligation is to keep the area clean and safe, minimize hazards to public safety, return the land to a useful condition, and reestablish at least 70 percent of the premining vegetative ground cover. To accomplish this, the operator will need to perform reclamation concurrently, or at the completion (within one (1) year) of mining:

1. Keep the mining operation in a safe, clean, and environmentally stable condition.
2. Permanently seal all shafts and tunnels to prevent unauthorized or accidental entry.
3. Plug drill holes with a five foot cement surface plug. Holes that encounter fluids are to be plugged in the subsurface to prevent aquifer contamination.
4. Construct berms, fences, or barriers, when needed, above highwalls and excavations.
5. Remove, isolate, or neutralize all toxic materials in a manner compatible with federal and state regulations.
6. Remove all waste or debris from stream channels.
7. Dispose of any trash, scrap metal, wood, machinery, and buildings.
8. Conduct mining activities so as to minimize erosion and control sediment.

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9. Reclaim all roads that are not part of a permanent transportation system.
10. Stockpile topsoil and suitable overburden prior to mining.
11. Stabilize highwalls by backfilling or rounding to 45 degrees or less, where feasible; reshape the land to near its original contour, and redistribute the topsoil and suitable overburden.
12. Properly prepare seedbed to a depth of six inches by ripping, discing, or harrowing.
13. Reseed disturbed areas with adaptable species. (The Division recommends seeding 20 lbs./acre of native and introduced species of grass, forb, and browse seed, and will provide a specific species list if requested.)
14. Plant the seed with a rangeland or farm drill, or if broadcast seeded, harrow or rake the seed 1/4-1/2 inch into the soil - fall is the preferred time to seed.

V. **VARIANCE REQUEST** (Rule R647-3-110)

Yes ☐ No ☐

Any planned deviations from Rules R647-3-107, Operation Practices, R647-3-108, Hole Plugging Requirements, or R647-3-109, Reclamation Practices, as summarized above, should be identified below and justification given for the variance request(s).

<u>Item Number</u>	<u>Variance Request Justification</u>
_____	_____
_____	_____
_____	_____
_____	_____

VI. **SIGNATURE REQUIREMENT**

I hereby commit to conduct mining operations and to reclaim the aforementioned small mine as required by the Utah Mined Land Reclamation Act (40-8) and the rules as specified by the Board of Oil, Gas and Mining.

Signature of Operator/Applicant:

Name (typed or printed):

Title/Position (if applicable):

Date:

Deloy Shumway
Deloy Shumway
owner
Sept. 8, 1998

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Plan of Operation

N.B.S. proposes to surface (excavate) shallow ore in a small area (approximately three acres) on old portals, open pit areas, etc. (all pre-disturbed).

N.B.S. intends to first excavate and remove all existing waste piles from the East side of the area. This area will be approximately 50' wide-150' long, to be used to stockpile ore, and also waste rock which will later be used for reclamation. See attached map.

0.17 ACRE

N.B.S. will then strip mine an area approximately 100' wide- 400' long, consisting of waste piles-open pit mines-underground tunnels etc. All pre-disturbed land stripping will be from 0'-10' thick.

0.92 ACRE

Waste rock will be back filled for reclamation as stripping proceeds. Ore will be stock piled on pad at South East side of area. See attached map.

The mine will be accessed by the existing road approximately 1/2 mile from the Yellow Cat road (165). It will not be necessary to up grade existing road in order for Haul Trucks to access the mine.

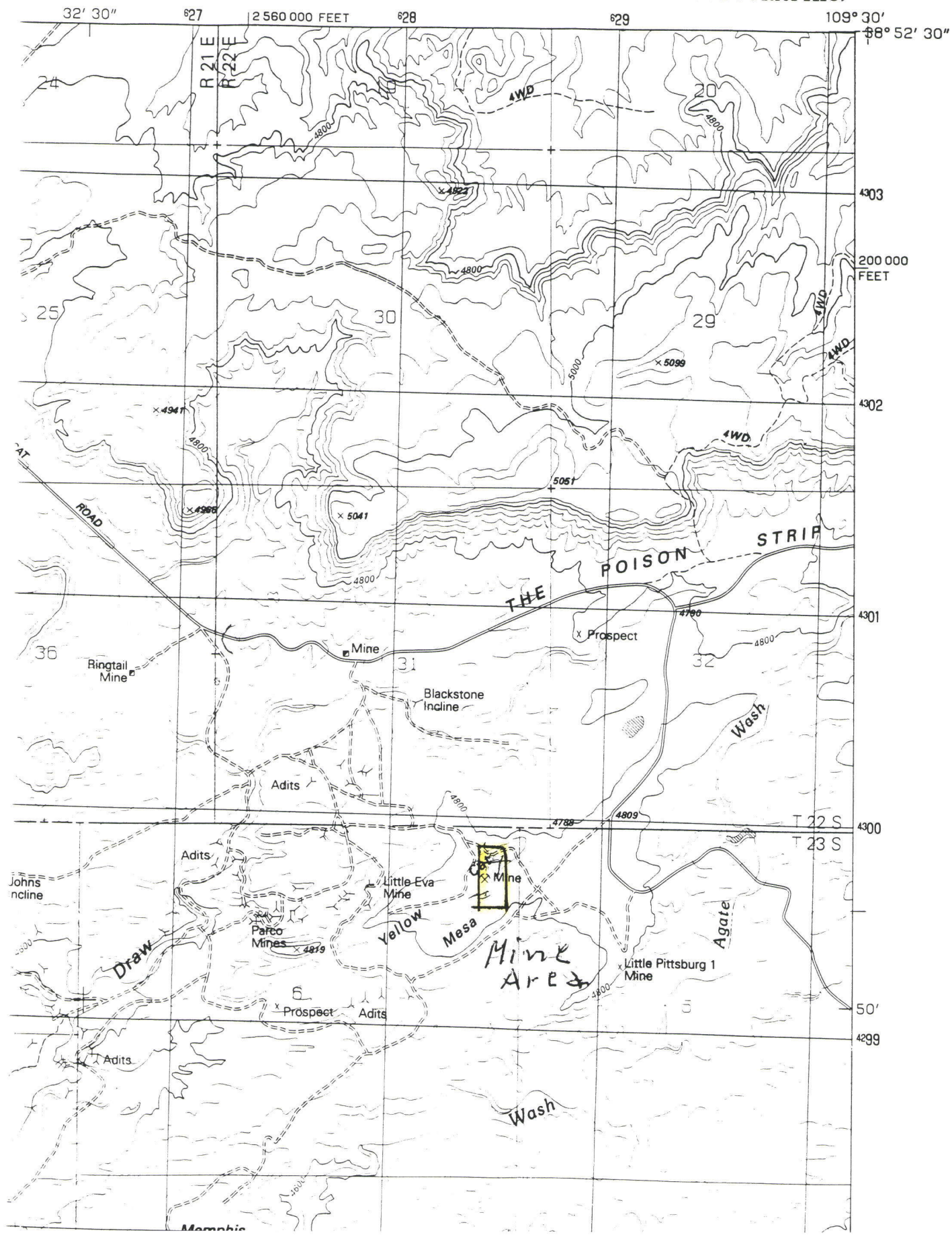
Proposed Reclamation

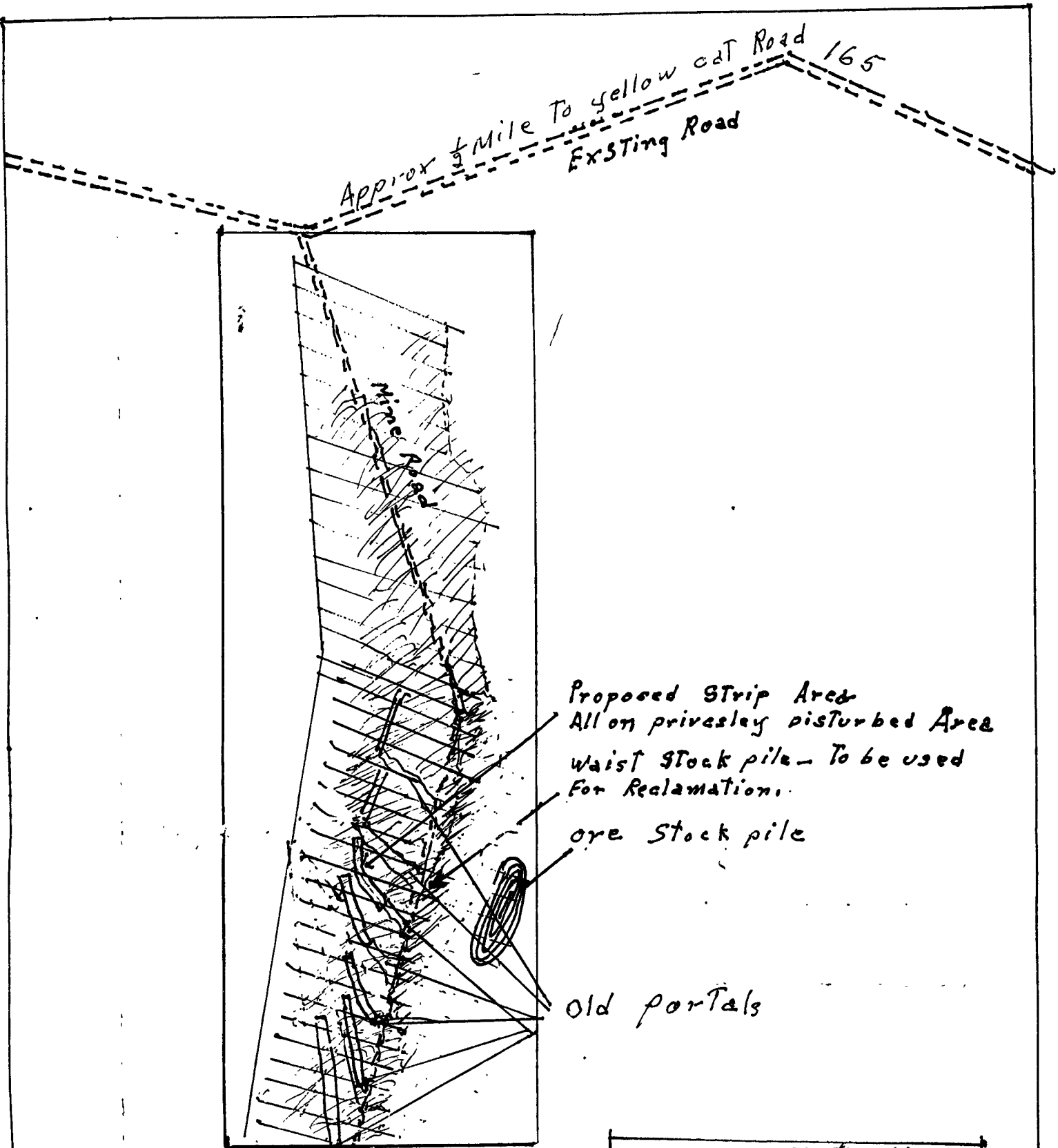
Reclamation will consist of back-filling waste rock material; grading any waste rock pile; and preparing a seed bed and seeding all areas that have been disturbed. Shown as diagonal hatch on map.

Total area to be disturbed will be approximately three acres. Any top soil present will be stock-piled and used for reclamation

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MOLLIE HOGANS QUADRANGLE
UTAH-GRAND CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)





Cougar Nat'l Mine	
	Arbitrary parcel Boundary Approximately 4.9 Acres
	Proposed Redisturbance Approximately 3 Acres
<p>N ↑</p> <p>Figure 1</p> <p>Prepared By D. Shumway</p> <p>Title owner</p> <p>Date 9/4/98</p> <p>Survey pace & Brunton</p>	
<p>SCALE</p> <p>0 25 50</p>	

RECEIVED

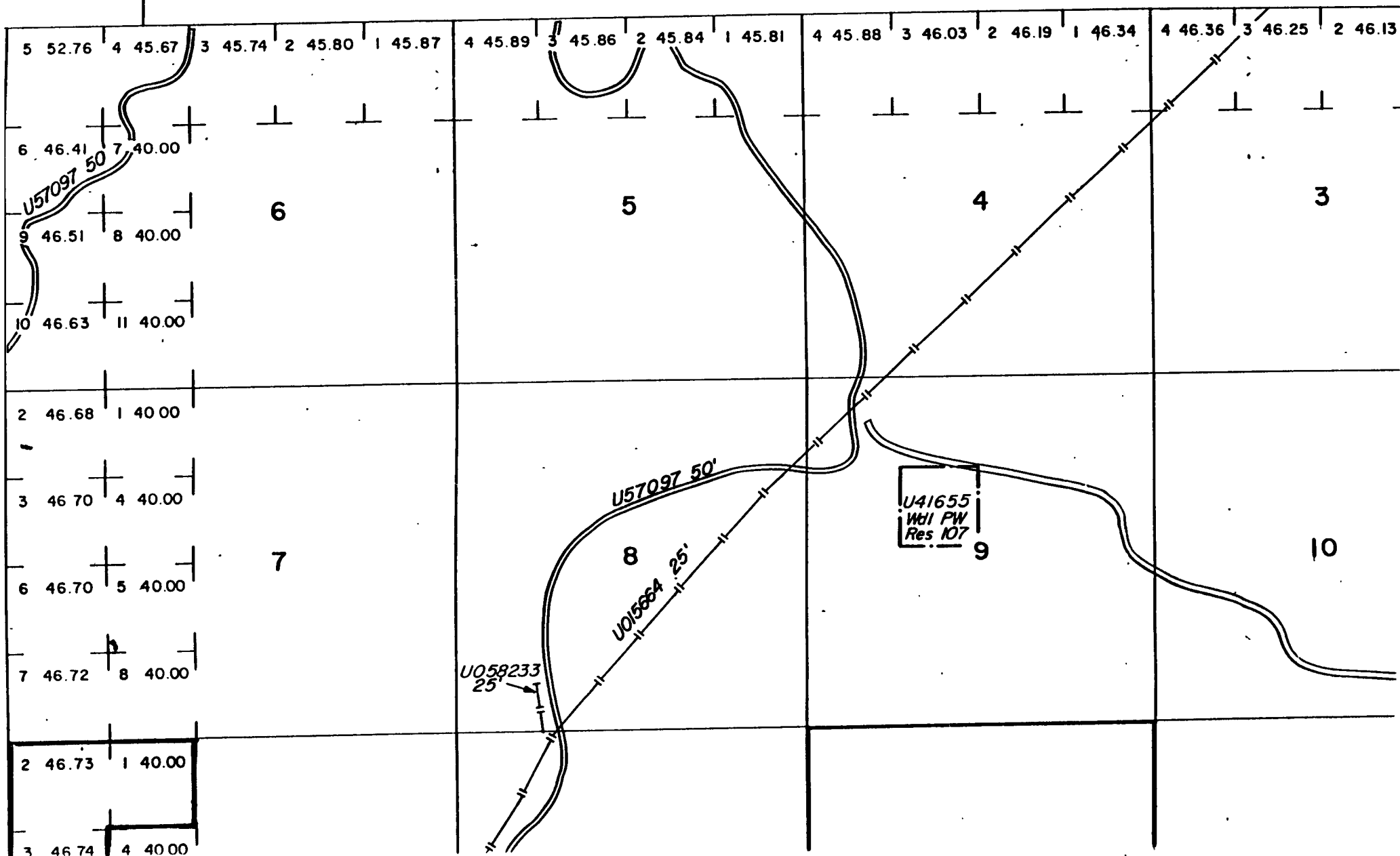
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DIV. OF OIL, GAS & MINING

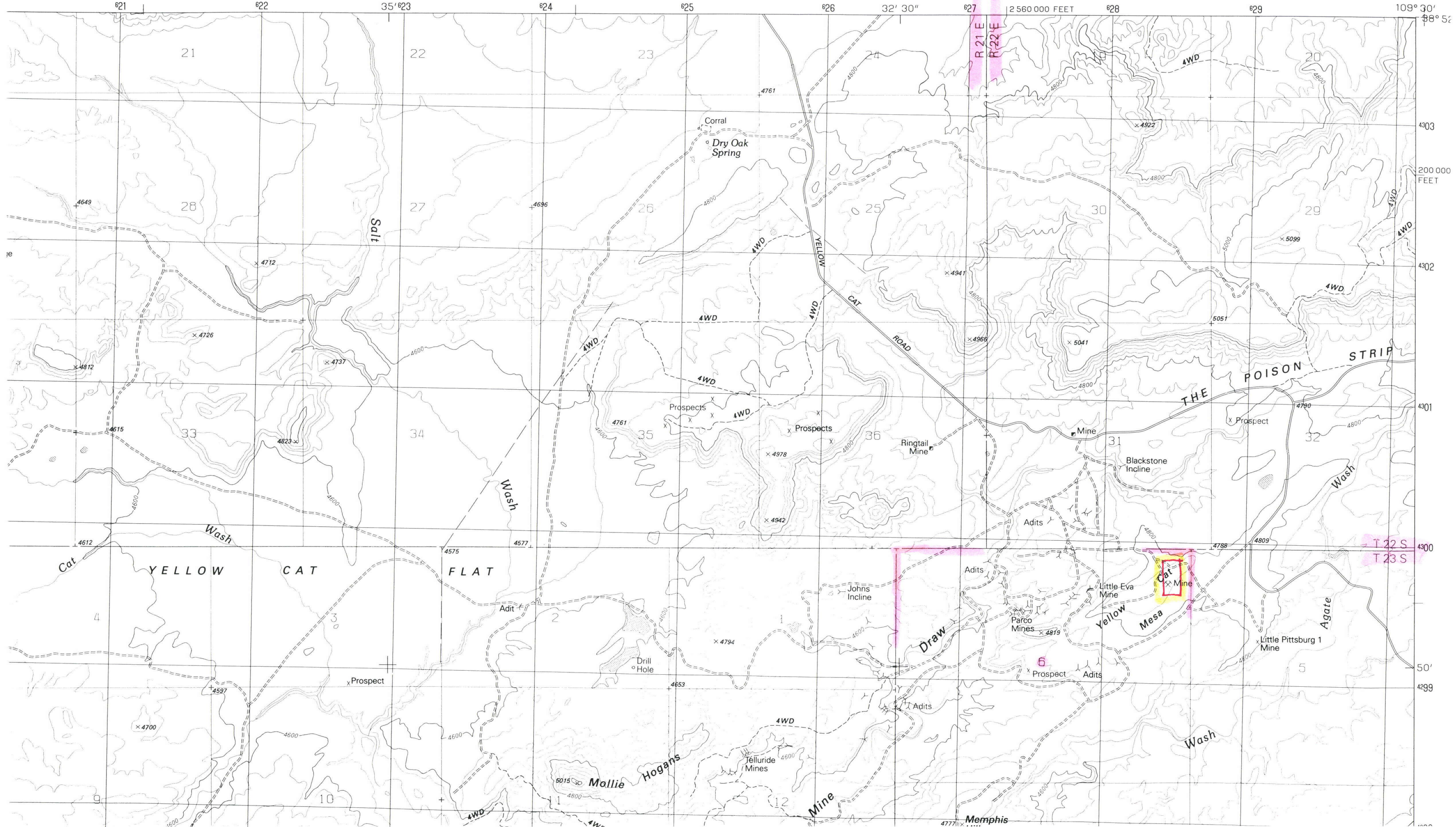
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MOAB DISTRICT 060
GRAND COUNTY

MTP for T23S, R22E (SLM), Grand County, Utah current to January 12, 1998.



5/019/045



S/019/045

COUGAR #1

NBS MINING (DELOY SHUHWAY)

UTU-76417

NE/4 NE/4 SECTION 6, T23S, R22E

MOAB EAST-MOUNTAIN BIKING & RECREATION MAP

1 INCH = 1.2 MILES

S/019/045
NBS MINING (DELOX SHUWAY)
UT4-76417
NE 1/4 NE 1/4 SEC 6, T23S, R22E

